

IN THE CLAIMS:

1-3) cancelled.

4 (currently amended). The method as defined by claim 4 15 wherein said substantially larger unmasked sensing area includes at least 55 percent of the lines of said device

5 (currently amended). The method as defined by claim 3 16, wherein said substantially larger unmasked sensing area includes at least 55 percent of the lines of said device.

6-7) cancelled.

8 (currently amended). The method as defined by claim 6 15, wherein said pixel clock is operative to clock pixels out of the last line of said storage area.

9 (currently amended). The method as defined by claim 7 5, wherein said pixel clock is operative to clock pixels out of the last line of said storage area.

10-14) cancelled.

15 (new). A method for producing electronic video signals representative of a focused moveable image, comprising the steps of:

providing a charge coupled sensor device, and masking substantially less than half of the lines of said device to form a masked storage area and a substantially larger unmasked sensing area;

disposing said sensing area in the path of said image;

providing a shutter for periodically blocking said image from said sensing area; and

providing a first vertical clock, a second vertical clock, and a pixel rate clock;

said first vertical clock being operative to shift lines in the sensing area, said second vertical clock being operative to shift lines in the storage area, and said pixel rate clock being operative to clock out pixels from the storage area;

wherein, during a vertical blanking period after shutter closure, lines are shifted from the sensing area to fill the storage area using said first and second vertical clocks at relatively high speed and during the remainder of said shutter closure time further lines are shifted from the sensing area to the storage area and lines are shifted through the storage area and clocked out using said first and second vertical clocks at relatively low speed, and after shutter opening, lines in the storage area are clocked out using said second vertical clock at a relatively low speed.

16 (new). The method as defined by claim 15, wherein said first vertical clock is

disabled upon shutter opening.

17 (new). The method as defined by claim 15, wherein the image stored on said charge coupled sensor device is overscanned on all four sides of the image.

18 (new). The method as defined by claim 16, wherein the image stored on said charge coupled sensor device is overscanned on all four sides of the image.